

# Memorandum

Date: January 8, 2002  
Telephone: ATSS (916) 654-4067  
File: Central Valley Energy Center - 01-AFC-22

To: William J. Keese, Chairman  
Michal C. Moore, Ph.D  
Robert A. Laurie  
Robert Pernell  
Arthur H. Rosenfeld, Ph.D

From: California Energy Commission  
1516 Ninth Street  
Sacramento, CA 95814-5512

Subject: **DATA ADEQUACY RECOMMENDATION FOR THE CENTRAL VALLEY  
ENERGY CENTER PROJECT - (01-AFC-22)**

Staff has completed its data adequacy review of the Central Valley Energy Center Project Application for Certification (AFC) submitted by Calpine on October 31, 2001, and the Applicant's supplement to its AFC, filed December 13, 2001. The Applicant proposes to construct and operate a 1,060 megawatt (MW) natural gas-fired, combined-cycle electric generating facility in the City of San Joaquin in Fresno County.

At the business meeting on December 5, 2001, the Commission found the application to be data inadequate. Based on staff's analysis of the supplemental information submitted by Calpine, the application now meets all the informational requirements of Cal. Code of Regs., tit. 20, § 1704, Appendix B (12-month process), and all the informational requirements of Public Resources Code 25550 (6-month process).

Attached is a summary table and data adequacy worksheets for all technical disciplines that were previously determined to be data inadequate. At the Energy Commission's Business Meeting on January 9, 2002, I will recommend that the Energy Commission find the AFC complete for the 12-month process and for the 6-month process. If you have any questions, please call Matt Trask, staff's Project Manager, at (916) 654-4067.

Sincerely,

STEVE LARSON  
Executive Director

TPP:JC:jc

**OVERVIEW OF ENERGY COMMISSION STAFF'S  
DATA ADEQUACY REVIEW, ROUND II  
CENTRAL VALLEY ENERGY CENTER PROJECT  
01-AFC-22**

<b>Technical Area</b>	<b>Data Adequacy</b>			
	<b><i>12-Mo.</i></b>	<b>Page No.</b>	<b><i>6-Mo.</i></b>	<b>Page No.</b>
Air Quality	Yes	3	Yes	7
Biological Resources	Yes	9	Yes	14
Cultural Resources	Yes	16	N/A	
Hazardous Materials	N/A		Yes	19
Noise	Yes	21	Yes	24
Project Overview	N/A		Yes	25
Socioeconomics	Yes	26	Yes	30
Soil Resources	Yes	32	Yes	34
Traffic and Transportation	Yes	37	N/A	
Transmission System Engineering	Yes	40	Yes	43
Visual Resources	Yes	45	Yes	48
Water Resources	Yes	49	Yes	34

Adequacy Issue: Adequate **X** Inadequate

Technical Area: **Air Quality**

Project Manager: Matt Trask

Project: Central Valley Energy Center Project

Docket: 01-AFC-22

## DATA ADEQUACY WORKSHEET

Revision No. 01 Date 01/03/02

Technical Staff: William Walters

Lisa Blewitt

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§8.1 pgs 8.1-1 to -53 12-AQ-1, 12-AQ-10	Yes	
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.	12-AQ-2, Attachment 12-AQ-2	Yes	
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	§2.2.16 pg 2-18 Table 8.1-15 pg 8.1-12 Appendix 8.1A Table 8.1A-1 pg 8.1A-1 Appendix 8.1B Electronic Filing on CD	Yes	
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	§2.2.11 pg 2-14 §8.1.6 pgs 8.1-49 to -51 Appendix 8.1E, 12-AQ-3	Yes	
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	§2.2.8 pg 2-10 Appendix 8.1A Table 8.1A-3	Yes	
Appendix B (g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	§8.1.5.1.1 pgs 8.1-23 to -29 Appendix 8.1A §8.10.4.3 pg 8.10-16, Table 8.10-8 12-AQ-4	Yes	
Appendix B (g) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	§8.1.5.1.1. pgs 8.1-26, 27 Appendix 8.1A, Table 8.1A-8, Tables 8.1A-7a and 8.1A-7b 12-AQ-5	Yes	

Adequacy Issue: Adequate **X** Inadequate

Technical Area: **Air Quality**

Project Manager: Matt Trask

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Revision No. 01 Date 01/03/02

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Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	§8.1.3 pgs 8.1-4 to –10 Tables 8.1-2 to –9  (note: ambient concentration data provided by the Applicant is only from one station for each pollutant)	Yes	
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Electronic Submittal on CD  (note: five years of Data was provided.)	Yes	
Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)	N/a	N/a	
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Electronic Submittal on CD 12-AQ-6, Attachment 12-AQ-6 Original NCDC data on diskette 12-AQ-7 12-AQ-8	Yes	
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:			

Adequacy Issue: Adequate **X** Inadequate

Technical Area: **Air Quality**

Project Manager: Matt Trask

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Project: Central Valley Energy Center Project

Docket: 01-AFC-22

Revision No. 01 Date 01/03/02

Technical Staff: William Walters

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM <sub>10</sub> ) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO <sub>x</sub> ), sulfur dioxide (SO <sub>2</sub> ), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM <sub>10</sub> )] from construction-related equipment;	§8.1.5.4 pg 8.1-47 Appendix 8.1D Electronic Filing on CD	Yes	
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO <sub>x</sub> , SO <sub>2</sub> , CO and PM <sub>10</sub> ) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions; and	§8.1.5.1.2 pgs 8.1-30 to -42 §8.1.5.3 pgs 8.1-44 to -47 Appendix 8.1B Electronic Filing on CD	Yes	
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a six mile radius which have received construction permits but are not yet operational, or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard.	Appendix 8.1G	Yes	
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:			
Appendix B (g) (8) (J) (i)	The quantity of offsets needed;	Appendix 8.1F Confidential Filing 12-AQ-9, Attachment 12-AQ-9	Yes	

Adequacy Issue: Adequate **X** Inadequate

Technical Area: **Air Quality**

Project Manager: Matt Trask

**DATA ADEQUACY WORKSHEET**  
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Revision No. 01 Date 01/03/02

Technical Staff: William Walters  
Lisa Blewitt

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	Confidential Filing 12-AQ-10 (revised)	Yes	
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	12-AQ-10 (revised), 12-AQ-11	Yes	
Appendix B (g) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Separate Filing of 7.5 minute USGS quadrangles	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.1-14 pgs 8.1-20 to –22  (note: the table does not correctly reference the section in the document that discusses LORS conformance)	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.1-14 pgs 8.1-20 to –22	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§8.1.6 pgs 8.1-47 to –53	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.1-10 pg 8.1-11	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	§8.1.4 pg 8.1-11 12-AQ-12 Letter for Expedited Permit Review, 12/11/01	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

# DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 1 Date 01/03/02

Technical Area: **Air Quality**

Project: Central Valley Energy Center Project

Technical Staff: William Walters/Lisa Blewitt

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	§8.1.4.1 pgs 8.1-11 to -22	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	§8.1.6 pgs 8.1-43 to -53 6-AQ-1, Attachment 12-AQ-9 6-AQ-2, 12-AQ-3	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	6-AQ-3 (revised)	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	§8.1.4.1 Table 8.1-14 pgs 8.1-20 to -22	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate

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(Six Month Expedited Process)

Revision No. 1 Date 01/03/02

Technical Area: **Air Quality**

Project: Central Valley Energy Center Project

Technical Staff: William Walters/Lisa Blewitt

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(A) (Air Quality)	A detailed modeling analysis assessing whether the cumulative impacts of all inert criteria pollutants (NOx, SO2, CO, and PM10) from the project's typical operating mode in combination with all stationary emissions sources within a six-mile radius of the proposed site that have received construction permits, but are not yet operational, and all stationary emissions sources that are currently undergoing air district permit application review will cause or contribute to a violation of any ambient air quality standard;	Appendix 8.1G	Yes	
§2022(b)(2)(B) (Air Quality)	A description of the project's planned initial commissioning phase, which is the phase between the first firing of emissions sources and the consistent production of electricity for sale to the market, including the types and durations of equipment tests, criteria pollutant emissions, and monitoring techniques to be used during such tests, and air dispersion modeling analyses of the impacts of those emissions on state and federal ambient air quality standards for NO2, SO2, CO, and PM10;	§8.1.5.1.2 pgs 8.1-35, 39 6-AQ-4, Attachment 6-AQ-4	Yes	
§2022(b)(2)(C) (Air Quality)	A detailed description of the mitigation, which an applicant shall propose, for all impacts from criteria pollutants that currently exceed state or federal ambient air quality standards, but are not subject to offset requirements under the district's new source review rule;	§8.1.6.3 pgs 8.1-51, 52 Confidential Filing Appendix 8.1D, pg. 8.1D-2 6-AQ-5	Yes	
§2022(b)(2)(D) (Air Quality, Public Health)	A modeling analysis that identifies the extent of potential public exposure to toxic substances, as identified in subsection (g)(9)(A) of Appendix B, resulting from normal facility operation;	§8.1.5.2 pgs 8.1-42 to -44 Appendix 8.1C	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: **Biological Resources**  
 Project Manager: Matt Trask

# **DATA ADEQUACY WORKSHEET**

Project: Central Valley Energy Center  
 Docket: 01-AFC-22

Revision No. 1 Date 1/7/02  
 Technical Staff: Tom Scofield and Rick York  
 Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Existing Site Conditions: Section 2.0, pp. 2-1-2-18. Section 5.0, pp. 5-1-5-7. Section 6.0, pp. 6-1-6-4. Section 7, pp. 7-1-7-8. Section 8.2.1, p. 8.2-1. Section 8.2.3, p. 8.2-3.	YES	
		Impacts: Sections 1.5.4, p. 1-5. Section 8.2.4, pp. 8.2-7-8.2-11.	YES	
		Mitigation & Monitoring: Sections 1.5.4, p. 1-5. Section 1.6.6, p. 1-5. Section 8.2.5, pp. 8.2-11-8.2-13.	YES	
		Mitigation & Monitoring Plan: Appendix 8.2D, BRMIMP outline.	YES	
Appendix B (g) (13) (A)	A regional overview and discussion of biological resources, with particular attention to sensitive biological resources near the project, and a map at a scale of 1:100,000 (or some other suitable scale) showing their location in relation to the project.	Regional bio. overview: Section 8.2.3, pp. 8.2-3-8.2-7.	YES	
		1:100,000 scale map:	YES	

Adequacy Issue: Adequate **X** Inadequate \_\_\_\_\_  
 Technical Area: **Biological Resources**  
 Project Manager: Matt Trask

**DATA ADEQUACY WORKSHEET**

Project: Central Valley Energy Center

Revision No. 1 Date 1/7/02  
 Technical Staff: Tom Scofield and Rick York  
 Technical Senior: Jim Brownell

Docket: 01-AFC-22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (B)	A discussion and detailed maps at a scale of 1:6,000, of the biological resources at the site of the proposed project and related facilities, and in areas adjacent to them, out to a mile from the site and 1000 feet from the outer edge of linear facility corridors. Include a list of the species actually observed and those with a potential to occur. The discussion and maps shall address the distribution of community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and the presence of sensitive biological resources.	Discussion and a 1:6000 scale maps: Section 8.2.4.1, p. 8.2-2. Section 2.2 (Data Adequacy Supplement), Issue 12-BR-1, p. 18, and Figures 8.2-1R and 8.2-2c – 8.2-2f.	YES	
		List of potential species: Section 8.2, Table 8.2-3, pp. 8.2-22-8.2-26. Section 2.2 (Data Adequacy Supplement), Issue 12-BR-2, p. 18, and Table 8.2-7, pp. 26 and 27.	YES	
		List of species seen during field surveys:	YES	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: **Biological Resources**  
 Project Manager: Matt Trask

# **DATA ADEQUACY WORKSHEET**

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Revision No. 1 Date 1/7/02  
 Technical Staff: Tom Scofield and Rick York  
 Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (C)	A description of all studies and surveys used to provide biological information about the project site, including seasonal surveys and copies of the California Department of Fish and Game's Natural Diversity Data Base Survey Forms, "California Native Plant Species Field Survey Forms", and "California Natural Community Field Survey Forms", completed by the applicant. Include the dates and duration of the studies, methods used to complete the studies, and the names and qualifications of individuals conducting the studies.	<p>Studies: Section 8.2.3.3, pp.8.2-5-8.2-7. Section 8.2.3.4 p. 8.2-7. 3-8.2-4.</p> <p>Names &amp; Qualifications of those completing biological resource studies: Section 8.2.3.4, p. 8.2-7. Appendix 8.2C.</p> <p>Copy of CNDDDB database and survey forms: Section 8.2.3.3, p. 8.2-5. Appendix 8.2A.</p>	<p>YES</p> <p>YES</p> <p>YES</p>	
Appendix B (g) (13) (D)	A discussion of all permanent and temporary impacts to biological resources from site preparation, construction activities, and plant operation. Discussion of impacts must consider impacts from cooling tower drift, and from the use and discharge of water during construction and operation. For facilities which use once-through cooling or take or discharge water directly from or to natural sources, discuss impacts resulting from entrainment, impingement, thermal discharge, effluent chemicals, type of pump (if applicable), temperature, volume and rate of flow at intake and discharge location, and plume configuration in receiving water.	<p>Impacts: Sections 8.2.4, pp. 8.2-7-8.2-11. Section 8.14.6, p. 8.14-14.</p> <p>Cooling tower drift: Section 8.2.4.2.1, 8.2-8-8.2-9.</p> <p>Once-through cooling:</p>	<p>YES</p> <p>YES</p> <p>NA</p>	
Appendix B (g) (13) (E)	A discussion of the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐  
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Appendix B (g) (13) (E) (i)	All measures proposed to avoid and/or reduce any adverse impacts;	Avoidance an/or reduce impacts measures: Section 8.2.5, pp. 8.2-11-8.2-13. Appendix 8.2D.	YES	
Appendix B (g) (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	Mitigation measures: Section 8.2.5, pp. 8.2-11-8.2-13. Appendix 8.2D.	YES	
Appendix B (g) (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Educational programs: Section 8.2.5.1, p. 8.2-11. Appendix 8.2D.	YES	
Appendix B (g) (13) (F)	A discussion of compliance and monitoring programs proposed to ensure the effectiveness of mitigation measures incorporated into the project.	Compliance monitoring: Section 8.2.5.1, pp. 8.2-11-13. Appendix 8.2D.	YES	
Appendix B (g) (13) (G)	A discussion of native fish and wildlife species of commercial and/or recreational value that could be impacted by the project.	Section 2.2 (Data Adequacy Supplement), Issue 12-BR-3, pp. 18 and 19.	YES	
Appendix B (g) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:			
Appendix B (g) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	Listed species: Section 8.2.3.3 pp. 8.2-5-8.2-7. Table 8.2-3, pp. 8.2-22-26.	YES	

Adequacy Issue: Adequate ☒ Inadequate ☐  
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Appendix B (g) (13) (H) (ii)	Resources defined in sections 1702 (q) and (v) of Title 20 of the California Code of Regulations; and	Listed species and sensitive habitats: Section 8.2.3 pp. 8.2-21–8.2-7.	YES	
Appendix B (g) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	Listed species: Section 8.2.3 pp. 8.2-21–8.2-7. Table 8.2-3, pp. 8.2-22-26.	YES	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	LORS table: Section 8.2, Table 8.2-6, p. 8.2-28.	YES	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Agency jurisdiction/permit table: Section 8.2, Table 8.2-5, p. 8.2-28.	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Discussion on conformity with LORS: Section 8.2.8, pp. 8.2-8-8.2-9. Table 8.2-1, pp. 8.2-15-8.2-17.	YES	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Agency contacts: Section 8.2, Table 8.2-5, p. 8.2-28.	YES	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Permit schedule: Section 8.2, Table 8.2-6, p. 8.2-28.	YES	

Adequacy Issue: Adequate ☒ Inadequate

# DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 01 Date 1/07/02

Technical Area: **Biological Resources**

Project: Central Valley Energy Center

Technical Staff: Tom Scofield and Rick York

Project Manager: Matt Trask

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Technical Senior: Jim Brownell

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§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	LORS table: Section 8.2, Table 8.2-6, p. 8.2-28.	YES	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Discussion on conformity with LORS: Section 8.2.8, pp. 8.2-8-8.2-9. Table 8.2-1, pp. 8.2-15-8.2-17. Section 2.2 (Data Adequacy Supplement), Issues 6-BR-1 and 6-BR-2. USFWS letter to the CEC (from Jan C. Knight) received on 1/7/02.	YES	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	YES	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	LORS table: Section 8.2, Table 8.2-6, p. 8.2-28.	YES	

Adequacy Issue: Adequate ☒ Inadequate

# **DATA ADEQUACY WORKSHEET** **(Six Month Expedited Process)**

Revision No. 01 Date 1/07/02

Technical Area: **Biological Resources**

Project: Central Valley Energy Center

Technical Staff: Tom Scofield and Rick York

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(2)(F) (Biology)	A demonstration, based on appropriate data including, but not limited to, scientific surveys taken at the appropriate time of year, that the project will have no significant impact on wetlands, plant or animal species that are endangered, threatened, or of concern under state or federal law, or the areas listed in Public Resources Code section 25527;	Subsection 8.2, pp. – 8.2-1-8.2-28. . Section 2.2 (Data Adequacy Supplement), Issues 6-BR-1 and 6-BR-2. USFWS letter to the CEC (from Jan C. Knight) received on 1/7/02.	YES	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: **Cultural Resources**  
 Project Manager: **Matt Trask**

# DATA ADEQUACY WORKSHEET

Revision No. 2 Date 1/4/02  
 Technical Staff: Gary Reinoehl  
 Technical Senior: Dale Edwards

Project: Central Valley Energy Center  
 Docket: 01-AFC-22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.32, 8.3.2.5.2, 8.3.3, and 8.3.4	Yes	
Appendix B (g) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	Section 8.3.2.2, 8.3.2.3, and 8.3.2.4 Figure 8.3-1	Yes	
Appendix B (g) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	Section 8.3.2.5. AFC Appendix Supplement	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: **Cultural Resources**  
 Project Manager: **Matt Trask**

# DATA ADEQUACY WORKSHEET

Revision No. 2 Date 1/4/02  
 Technical Staff: Gary Reinoehl  
 Technical Senior: Dale Edwards

Project: Central Valley Energy Center  
 Docket: 01-AFC-22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Section 8.3.2 Appendix 8.3A, B, C, and D (Confidential) AFC Appendix Supplement	Yes	
Appendix B (g) (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	Section 8.3.2.5.4 Appendix 8.3A	Yes	
Appendix B (g) (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources.	Section 8.3.5	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.3-1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: Cultural Resources  
 Project Manager: Matt Trask

# DATA ADEQUACY WORKSHEET

Revision No. 2 Date 1/4/02  
 Technical Staff: Gary Reinoehl  
 Technical Senior: Dale Edwards

Project: Central Valley Energy Center  
 Docket: 01-AFC-22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.3-5 Table 8.4-3	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.3.1 Table 8.3-1	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.3-5	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐

# DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 01 Date 12/16/01

Technical Area: **Hazardous Materials**

Project: Central Valley Energy Center

Technical Staff: Rick Tyler

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 8.12-1	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.12	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	N/A	N/A	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐

**DATA ADEQUACY WORKSHEET**  
(Six Month Expedited Process)

Revision No. 01 Date 12/16/01

Technical Area: **Hazardous Materials**

Project: Central Valley Energy Center

Technical Staff: Rick Tyler

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(G) (Hazardous Material)	With respect to the handling of hazardous materials, a demonstration that: i) the project will not use or store any regulated substance defined in Section 25532(g) of the California Health and Safety Code or ii) the project is eligible for Program 1 status pursuant to Section 68.10 of Part 68 of Title 40 of the Code of Federal Regulations or can demonstrate that no worst case accidental release would result in a plausibility (risk greater than 1 in 1,000,000) of an impact above the Emergency Response Planning Guideline, Level 2 (ERPG 2) at the nearest public receptor.	Section 8.12	Yes	
§2022(b)(2)(H) (Hazardous Material)	If the project will store or use a regulated substance defined in Section 25532(g) of the Health and Safety Code, a demonstration either that the boundary of the powerplant site will not be within 1000 feet of any residential area, school, general acute care hospital, long-term health care facility, or child day care facility as such terms are defined in section 25534.1 of the Health and Safety Code or that the project will pose no plausible potential for exposure at such facilities from an accidental release of the regulated substance; and	Section 8.12	Yes	
§2022(b)(2)(I) (Hazardous Material)	A demonstration that the proposed facility will not require storage of gaseous flammable or explosive materials in quantities greater than 25000 standard cubic feet;	Data Response 6-HM-1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: **Noise**  
 Project Manager: **Matt Trask**

## DATA ADEQUACY WORKSHEET

Project: **Central Valley Energy Center**  
 Docket: **01-AFC-22**

Revision No. **01** Date **December 7, 2001**  
 Technical Staff: **Bill Thiessen**  
 Technical Senior: **Buntin/Alexander**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	pp. 8.5-1 to 8.5-14	Yes	
Appendix B (g) (4) (A)	A land use map which identifies residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment within the area impacted by the proposed project. The area impacted by the proposed project is that area where there is a potential increase of 5 dB(A) or more, during either construction or operation, over existing background levels.	Fig. 8.5-1	Yes	
Appendix B (g) (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for duration at the applicant's discretion during the same 25-hour period. The results of the noise level measurements shall be reported in $L_{eq}$ (equivalent sound or noise level), $L_{dn}$ (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The $L_{10}$ , $L_{50}$ , and $L_{90}$ values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported.	pp. 8.5-6 and 8.8-7	Yes	
Appendix B (g) (4) (C)	A description of the major noise sources of the project, including the range of noise levels and the tonal and frequency characteristics of the noise emitted.	p. 8.5-12	Yes	

Adequacy Issue: Adequate **x** Inadequate \_\_\_\_\_  
 Technical Area: **Noise** \_\_\_\_\_  
 Project Manager: **Matt Trask** \_\_\_\_\_

## DATA ADEQUACY WORKSHEET

Project: **Central Valley Energy Center** \_\_\_\_\_  
 Docket: **01-AFC-22** \_\_\_\_\_

Revision No. **01** \_\_\_\_\_ Date **December 7, 2001** \_\_\_\_\_  
 Technical Staff: **Bill Thiessen** \_\_\_\_\_  
 Technical Senior: **Buntin/Alexander** \_\_\_\_\_

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places of worship or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.	pp. 8.5-9 to 8.5-12	Yes	
Appendix B (g) (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	p. 8.5-11	Yes	
Appendix B (g) (4) (F)	The audible noise from existing switchyards and overhead transmission lines that would be affected by the project and estimates of the future audible noise levels that would result from existing and proposed switchyards and transmission lines. Noise levels shall be calculated at the property boundary for switchyards and at the edge of the rights-of-way for transmission lines.	p. 8.5-11	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Revised Noise Data Adequacy, Sec. 2.5	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	p. 8.5-13	Yes	

Adequacy Issue: Adequate **x** Inadequate \_\_\_\_\_  
 Technical Area: **Noise**  
 Project Manager: Matt Trask

# **DATA ADEQUACY WORKSHEET**

Project: Central Valley Energy Center  
 Docket: 01-AFC-22

Revision No. 01 Date December 7, 2001  
 Technical Staff: Bill Thiessen  
 Technical Senior: Buntin/Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Revised Noise Data Adequacy, Sec. 2.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	p. 8.5-13	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	p. 8.5-14	Yes	

Adequacy Issue: Adequate ☒ Inadequate

## DATA ADEQUACY WORKSHEET

Revision No. 01 Date December 7, 2001

Technical Area: **Noise**

Project: Central Valley Energy Center

Technical Staff: Bill Thiessen

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Buntin/Alexander

(Six Month Expedited Process)

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Revised Noise Data Adequacy, Sec. 2.5	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Revised Noise Data Adequacy, Sec. 2.5	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	p. 8.5-14	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	p. 8.5-14	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate

## DATA ADEQUACY WORKSHEET

Revision No. 01 Date 1/04/02

(Six Month Expedited Process)

Technical Area: Project Overview

Project: Central Valley Energy Center

Technical Staff: Matt Trask

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Appendices 1D and 1E	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.0, Appendix 1D	Yes	
§2022(b)(5)	The following information to demonstrate that the project, if certified, is likely to be constructed and operated;			
§2022(b)(5)(A) (Project Description)	Information demonstrating the applicant's control, by ownership, lease, option, or other legally binding agreement, that the Commission finds acceptable, of the proposed site and	Section 1.0, pg. 1-1 Declaration of Rick Thomas, by letter dated December 11, 2001	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: **Socioeconomics**  
 Project Manager: **Matt Trask**

## DATA ADEQUACY WORKSHEET

Revision No. 1 Date 12/14/01  
 Technical Staff: Amanda Stennick  
 Technical Senior: Dale Edwards

Project: Central Valley Energy Center  
 Docket: 01-AFC-22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pg. 1-6, Section 1.6.2 & 3 PP. 8.8-1 through 22	Yes	
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:	PP. 8.8-3 through 11 Section 8.8-3	Yes	
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	PP. 8.8-5 through 8 Tables 8.8-9, 10 Sections 8.8.3.3 & 4	Yes	
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	PP. 8.3-3 & 4 Tables 8.8-2, 3, 4, 5 Section 8.8.3.1 PP. 8.8A-1 through 5 Appendix 8.8A Figure 8.8A-1 Attachment 8.8A-2 Figure 8.8A-2	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	PP. 8.8-5 Tables 8.8-7 & 8 Section 8.8.3.3	Yes	
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	PP. 8.8-11 through 14 Tables 8.8-12 & 13 Section 8.8.4.3.1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: **Socioeconomics**  
 Project Manager: **Matt Trask**

## DATA ADEQUACY WORKSHEET

Revision No. 1 Date 12/14/01  
 Technical Staff: Amanda Stennick  
 Technical Senior: Dale Edwards

Project: Central Valley Energy Center  
 Docket: 01-AFC-22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	PP. 8.8-4 & 5 Table 8.8-6 Section 8.8.3.2 PP. 8.8-14 & 15	Yes	
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	PP. 8.8-9 & 10 Section 8.8.3.6 PP. 8.8-8 & 9 Table 8.8-11 Section 8.8.3.5	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:	PP. 8.8-11 through 19	Yes	
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	PP. 8.8-11 & 12 Table 8.8-12 Section 8.8.4.3.1 PP. 8.8-16 & 17 Table 8.8-15	Yes	
Appendix B (g) (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	PP. 8.8-14 & 15 Section 8.8.4.3.3 PP. 8.8-16 & 17 Section 8.8.4.4.1	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Pg. 8.8-14 Section 8.8.4.3.2 Pg. 8.8-17 Section 8.8.4.4.2	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: **Socioeconomics**  
 Project Manager: **Matt Trask**

## DATA ADEQUACY WORKSHEET

Project: **Central Valley Energy Center**  
 Docket: **01-AFC-22**

Revision No. **1** Date **12/14/01**  
 Technical Staff: **Amanda Stennick**  
 Technical Senior: **Dale Edwards**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Pg. 8.8-14 Section 8.8.4.3.3 Pg. 8.8-17 Section 8.8.4.4.3	Yes	
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases;	Pg. 8.8-16 Section 8.8.4.3.7 Pg. 8.8-19 Section 8.8.4.4.7 Data Adequacy Response, 12/13/01	Yes	
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	Pg. 8.8-19 Section 8.8.4.4.6	Yes	
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	Pg. 8.8-15 Section 8.8.4.3.4 Pg. 8.8-17 Section 8.8.4.4.4	Yes	
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	Pg. 8.8-15 Section 8.8.4.3.4 Pg. 8.8-17 Section 8.8.4.4.4	Yes	
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost of the project and the potential impacts on tax revenues from construction and operation of the project.	Pg. 8.8-16 Section 8.8.4.3.5 Pg. 8.8-18 Section 8.8.4.4.5	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: **Socioeconomics**  
 Project Manager: **Matt Trask**

## DATA ADEQUACY WORKSHEET

Project: **Central Valley Energy Center**  
 Docket: **01-AFC-22**

Revision No. **1** Date **12/14/01**  
 Technical Staff: **Amanda Stennick**  
 Technical Senior: **Dale Edwards**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Pg. 8.8-2 Table 8.8-1 Section 8.8.2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Pg. 8.8-21 Table 8.8-16 Section 8.8.2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pg. 8.8-1 Section 8.8.1 & 2	Yes	CVEV data adequacy response provides the requested information.
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	PP. 8.8-20 & 21 Section 8.8.8	Yes	
Appendix (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Pg. 8.8-21 Section 8.8.9	Yes	

Adequacy Issue: Adequate **X** Inadequate

**DATA ADEQUACY WORKSHEET**  
(Six Month Expedited Process)

Revision No. 1 Date 12/14/01

Technical Area: **Socioeconomics**

Project: Central Valley Energy Center

Technical Staff: Amanda Stennick

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Pg. 8.8-2, Table 8.8-1 Section 8.8.2	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Data Adequacy Response, 12/13/01	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Pg. 8.8-21 Section 8.8.9	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐

# **DATA ADEQUACY WORKSHEET** (Six Month Expedited Process)

Revision No. 1 Date 12/14/01

Technical Area: Socioeconomics

Project: Central Valley Energy Center

Technical Staff: Amanda Stennick

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(B) (TSE/FD)	A full description of the facilities, if any, that are required for interconnection, including all such facilities beyond the point where the outlet line joins with the interconnected system and a full description of the environmental setting, environmental impacts, and any recommended mitigation measures proposed by the applicant for any required facilities beyond the point where the outlet joints with the interconnected system;		N/A	
§2022(b)(4) (Any area that addresses disproportionate impacts; environmental justice)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			
§2022(b)(4)(A) (Land Use, Socioeconomics)	Demographic information by census tract, based on the most recent census data available, showing the number and percentage of minority populations and people living below the poverty level within six miles of the proposed site;	PP. 8.3-3 & 4 Tables 8.8-2, 3, 4, 5 Section 8.8.3.1 PP. 8.8A-1 through 5 Appendix 8.8A Figure 8.8A-1 Attachment 8.8A-2 Figure 8.8A-2	Yes	
§2022(b)(4)(B) (Land Use, Socioeconomics)	One or more maps at a scale of 1:24,000 showing the distribution of minority populations and low-income populations and significant pollution sources within six miles of the proposed site, such as those permitted by the U.S. Environmental Protection Agency (Toxic Release Inventory sites), the local air quality management district, or the California Department of Toxic Substances Control; and	Appendix 8.8A Figure 8.8A-1 Attachment 8.8A-2 Figure 8.8A-2	Yes	

Adequacy Issue: Adequate **X** Inadequate

# DATA ADEQUACY WORKSHEET

Revision No. 01 Date 1/03/02

Technical Area: **Soils**  
Project Manager: Mathew Trask

Project: Central Valley Energy Center (CVEC)  
Docket: 01-AFC-22

Technical Staff: Joe Crea  
Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.9.3,p.8.9-3– 8 Section 8.9.4,p.8.9-8 – 10 Section 8.9.4.5,p.8.9-10 – 11 Section 8.9.5,p.8.9-11 Section 1.1,p.1-1 Section 2.1,p.2-1  AFC Supplement 12-Soil-1,p.43 AFC Supplement 12-Soil-2,p.44	Yes	
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Figures 8.9-1a – 8.9-1e Table 8.9-2  AFC Supplement 12-Soil-3,p.44 Figure 2.2-1 AFC Supplement 12-Soil-4,p.44	Yes	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Table 8.9-2 AFC Supplement 12-Soil-5,p.44 AFC Supplement 12-Soil-6,p.45	Yes	
Appendix B (g) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system.	Table 8.9-2 AFC Supplement 12-Soil-7,p.45	Yes	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:			
Appendix B (g) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;	Section 8.9.3.6p.8.9-8	N/A	
Appendix B (g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.	Section 8.4.4,p.8.9-10	Yes	

Adequacy Issue: Adequate ☒ Inadequate

## DATA ADEQUACY WORKSHEET

Revision No. 01 Date 1/03/02

Technical Area: Soils  
Project Manager: Mathew Trask

Project: Central Valley Energy Center (CVEC)  
Docket: 01-AFC-22

Technical Staff: Joe Crea  
Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Tables 8.9-1 & 1D	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Tables 8.9-1 & 8.9-3 Tables 1E & 1D	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 8.9-1 Table 1D Sections 8.9.2.1,p.8.9-1 & 8.9.4.2,p.8.9-9 Section 8.9.2.2,p.8.9-1 Section 8.9.2.3,p.8.9-2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.9-3 Tables 1E and 1F	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 8.9-3 Table 1E	Yes	

Adequacy Issue: Adequate ☒ Inadequate

# **DATA ADEQUACY WORKSHEET** (Six Month Expedited Process)

Revision No. 01 Date 1/03/02  
 Technical Staff: Joe Crea  
 Technical Senior: Dick Anderson

Technical Area: \_\_\_\_\_  
**Soil and Water Resources**  
 Project Manager: Matt Trask

Project: Central Valley Energy Center  
 Docket: 01 – AFC – 22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Tables 8.9-1 & 8.9-3 Tables 1E & 1D Sections 8.9.2 to 8.9.2.3.2, p.8.9 – 1 to 3  Table Appendix 1D Table 8.14 – 1 Section 8.14.1 to 8.14.1.3, p.8.14 – 1 to 8.14 - 4	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Table 8.9-1 Table 1D Sections 8.9.2.1,p.8.9-1 & 8.9.4.2,p.8.9-9 Section 8.9.2.2,p.8.9-1 Section 8.9.2.3,p.8.9-2  Table 8.14 – 1 Table Appendix 1D  AFC Supplement 6-WR-1,p.59 Attachment 12-WR-2	Yes	

Adequacy Issue: Adequate **X** Inadequate

**DATA ADEQUACY WORKSHEET**  
(Six Month Expedited Process)

Revision No. 01 Date 1/03/02  
Technical Staff: Joe Crea  
Technical Senior: Dick Anderson

Technical Area: \_\_\_\_\_  
**Soil and Water Resources**  
Project Manager: Matt Trask

Project: Central Valley Energy Center  
Docket: 01 – AFC – 22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Appendix 7B AFC Supplement 6-WR-2,p.59	Yes	
§2022(b)(1)(D) (Water)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Tables 8.9-1 & 8.9-3 Tables 1E &1D  Tables 8.14 – 1, 8.14 – 7, and 7.4 - 1 Tables Appendices 1D, 1E, and 1F	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(2)(E) (Water)	If the project will result in a discharge of waste that could affect the water quality of the state, a complete report of proposed waste discharge as required by section 13260 of the Water Code. This will allow for issuance of waste discharge requirements by the appropriate regional water quality control board within 100 days after filing the application in accordance with Public Resources Code section 25550(d);	Section 2.2.9.1.2, p.2 – 11 to 12 Sections 2.2.9.1.3 to 2.2.9.1.5, p.2 – 12 to 13  AFC Supplement 6-WR-3, p.59 Attachment 6-WR-3	Yes	
§2022(b)(5)	The following information to demonstrate that the project, if certified, is likely to be constructed and operated;			

Adequacy Issue: Adequate ☒ Inadequate

**DATA ADEQUACY WORKSHEET**  
**(Six Month Expedited Process)**

Revision No. 01 Date 1/03/02

Technical Area: Soil and Water Resources

Project: Central Valley Energy Center

Technical Staff: Joe Crea

Project Manager: Matt Trask

Docket: 01 – AFC – 22

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(5)(B) (Water)	A will-serve letter or similar document from each provider of water to the project, indicating each provider's willingness to provide water to the project and describing all conditions under which the water will be provided, and a discussion of all other contractual agreements with the applicant pertaining to the provision of water to the project.	Appendix 7A Appendix 7B AFC Supplement 6-WR-3 & 6-WR-5	Yes	

2Adequacy Issue: Adequate ☒ Inadequate**DATA ADEQUACY WORKSHEET**

Revision No.

01

Date

12/26/01

Technical Area: **Traffic and Transportation**

Project: Central Valley Energy Center

Technical Staff: David Young

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Throughout entire Traffic and Transportation Section of AFC.  Pages 8.10-1 through 8.10-18	Yes	
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Page 8.10-20 Figure 8.10-1	Yes	
Appendix B (g) (5) (B)	An identification, on topographic maps at a scale of 1:24,000 and a description of existing and planned roads, rail lines, including light rail, bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	Page 8.10-20 Figure 8.10-1	Yes	
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	Page 8.10-13 Table 8.10-7	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	Page 8.10-13 Table 8.10-7	Yes	
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Page 8.10-13 Table 8.10-7 Page 8-10-14 Section 8.10.4.2.1 Page 8.10-15 Section 8.10.4.3 Page 8.10-17 Section 8.10.5 Page 8.10-7 Section 8.10.3.1	Yes	

2Adequacy Issue: Adequate ☒ Inadequate**DATA ADEQUACY WORKSHEET**

Revision No.

01

Date

12/26/01

Technical Area: **Traffic and Transportation**

Project: Central Valley Energy Center

Technical Staff:

David Young

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior:

Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (B) (iv)	Weight and load limitations;	Page 8.10-2 Section 8.10.2.2 Page 8.10-9 Section 8.10.3.2	Yes	
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Page 8.10-8 Table 8.10-3	Yes	
Appendix B (g) (5) (B) (vi)	An identification of any road features affecting public safety.	Page 8.10-10 Section 8.10.3.3.2	Yes	
Appendix B (g) (5) (C)	A description of any new, planned, or programmed transportation facilities in the project vicinity, including those necessary for construction and operation of the proposed project. Specify the location of such facilities on topographic maps at a scale of 1:24,000.	Page 8.10-10 and 8.10-11 Section 8.10.3.4.1 and 8.10.3.4.2 Figure 8.10-3	Yes	
Appendix B (g) (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. Include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).	Page 8.10-11 Section 8.10.3.4.2	Yes	
Appendix B (g) (5) (E)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	Page 8.10-14 Section 8.10.4.2.1 Page 8.10-15 and 8.10-16 Section 8.10.4.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Page 8.10-5 Table 8.10-2	Yes	

2 Adequacy Issue: Adequate ☒ Inadequate

## DATA ADEQUACY WORKSHEET

Revision No.

01

Date

12/26/01

Technical Area: **Traffic and Transportation**

Project: Central Valley Energy Center

Technical Staff:

David Young

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior:

Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 8.10-18 Table 8.10-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Page 8.10-5 Table 8.10-2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not included in the AFC	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Page 8.10-17 through 8.10-18 Table 8.10-9	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: Transmission System Eng.  
 Project Manager: Matt Trask

## DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center  
 Docket: 01-AFC-22

Revision No. 01 Date 12/08/02  
 Technical Staff: Mark Hesters  
 Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Pages 5-4 and 5-5 Section 5.2.2	Yes	
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Pages 5-1 and 5-2 Section 5.1	Yes	
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Pages 5-4 and 5-5 Section 5.2.2 Appendix 5B System Impact Study Letter, January 8, 2002	Yes	
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Pages 5-1, 5-5 and 5-6 Sections 5.1 and 5.2.2.2	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: Transmission System Eng.  
 Project Manager: Matt Trask

## DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center  
 Docket: 01-AFC-22

Revision No. 01 Date 12/08/02  
 Technical Staff: Mark Hesters  
 Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Page 5-2 to 5-4 Section 5.2.1	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Covered by Transmission Line Safety and Nuisance		
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Covered by Transmission Line Safety and Nuisance		
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Pages 5-16 and 5-20 Sections 5.6.1 and 5.6.7	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Pages 5-16 and 5-20 Sections 5.6.1 and 5.6.7	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: Transmission System Eng.  
 Project Manager: Matt Trask

# DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center  
 Docket: 01-AFC-22

Revision No. 01 Date 12/08/02  
 Technical Staff: Mark Hesters  
 Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Data Adequacy Response, 12/13/01, page 47	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	N/A		
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A		

Adequacy Issue: Adequate ☒ Inadequate

# DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 01 Date 12/08/02

Technical Area: **Transmission System Engineering**

Project: Central Valley Energy Center

Technical Staff: Mark Hesters

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Pages 5-16 and 5-20 Sections 5.6.1 and 5.6.7	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pages 5-16 and 5-20 Sections 5.6.1 and 5.6.7 Data Adequacy Response, 12/13/01, page 47	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Pages 5-16 and 5-20 Sections 5.6.1 and 5.6.7	Yes	
§2022(b)(3) (TSE)	Substantial evidence that the project will not cause a significant adverse impact on the electrical system, including all of the following:			

Adequacy Issue: Adequate ☒ Inadequate

# **DATA ADEQUACY WORKSHEET** (Six Month Expedited Process)

Revision No. 01 Date 12/08/02

Technical Area: **Transmission System Engineering**

Project: Central Valley Energy Center

Technical Staff: Mark Hesters

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(3)(A) (TSE)	An interconnection study identifying the electrical system impacts and a discussion of the mitigation measures considered and those proposed to maintain conformance with NERC, WSCC, Cal-ISO or other applicable reliability or planning criteria based on load flow, post transient, transient, and fault current studies performed by or for the transmission owner in accordance with all applicable Cal-ISO or other interconnection authority's tariffs, operating agreements, and scheduling protocols and	Pages 5-4 and 5-5 Section 5.2.2  Appendix 5B  System Impact Study Letter, January 8, 2002	Yes	
§2022(b)(2)(B) (TSE/FD)	A full description of the facilities, if any, that are required for interconnection, including all such facilities beyond the point where the outlet line joins with the interconnected system and a full description of the environmental setting, environmental impacts, and any recommended mitigation measures proposed by the applicant for any required facilities beyond the point where the outlet joints with the interconnected system;	Pages 5-4 and 5-5 Section 5.2  System Impact Study Letter, January 8, 2002	Yes	

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 8.11.3.2-7, pp. 8.11-7 through 8.11-26 Data Adequacy Responses 12-VR-1, pp. 13, 14	Yes	
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	Sec. 8.11.3.1.1, p. 11-6; Sec. 8.11.3.2, pp. 8.11-7-8	Yes	
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Figure 8.11-1 and Figure 8.11-2	Yes	
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and	Not applicable		
Appendix B (g) (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	Sec. 8.11.3.2, p. 8.11-7-8	Yes	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	Sec. 8.11.3.2, pp. 8.11-7-8	Yes	
Appendix B (g)(6)(C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	Sec. 8.11.3.3-4, pp. 8.11-8 through 8.11-13 Data Adequacy Responses 12-VR-2 through 12-VR-4, pp. 14, 15.	Yes	

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	Sec. 8.11.4.3, pp.8.11-14 through 8.11-18; Sec. 8.11.7, pp.8.11-25 through 8.11-26	Yes	
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figure 8.11-3a through Figure 8.11-6b	Yes	
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	Sec. 8.11.4.4-5, pp. 8.11-18 through 8.11-24	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.11-1 through Table 8.11-4, pp.8.11-1 through 8.11-5	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.11-1, pp.8.11-1-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sec. 8.11.2., pp. 8.11-1 through 8.11-5 Data Adequacy Responses 12-VR-5 through 12-VR-7, pp. 15, 16	Yes	

Technical Area: **Visual Resources**  
Project Manager: Matt Trask

Project: Central Valley Energy Center  
Docket: O1-AFC-22

Technical Staff:	Ken Peterson
Technical Senior:	Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.111-1-2, pp. 8.11-1-2	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 8.4.3, p. 8.4-2	Yes	

Adequacy Issue: Adequate ☒ Inadequate

## DATA ADEQUACY WORKSHEET

Revision No. 02 Date Dec. 11, 2001

Technical Area: **Visual Resources**

Project: Central Valley Energy Center

Technical Staff: Ken Peterson

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Dale Edwards

(Six Month Expedited Process)

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Sec. 8.11.2, pp. 8.11-2-5	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Sec. 8.11.2, pp. 8.11-1 through 8.11-5 Data Adequacy Responses, 6-VR-1 through 6-VR-4, pp.17, 18	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Not applicable		
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Table 8.11.1, pp. 8.11-1-2	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate **X** Inadequate

# DATA ADEQUACY WORKSHEET

Revision No. 01 Date 1/03/02

Technical Area: **Water Resources**

Project: Central Valley Critical Energy Center

Technical Staff: Joe Crea

Project Manager: Matt Trask

Docket: 01 – AFC – 22

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 1.5.2, p.1 - 4 Sections 2.2.7, p.2 – 7 to 2 – 10 Sections 2.2.9.1 to 2.2.9.1.5, p.2 – 7 to 2 – 12 Section 7.0 Section 8.14.2, p.8.14 – 4 to 8.14 – 12 Section 8.14.5, p.8.14 – 12 to 14 Section 8.14.6, p. 8.14 – 4 Section 8.14.7, p.8.14 – 4 Section 8.14.8, p. 8.14 – 4 to 15  AFC Supplement 12-WR-1,p.54 & 55	Yes	
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:			
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and	Appendix 7A  AFC Supplement 12-WR-2,p.55 Attachment 12-WR-2	Yes	
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.	Section 8.14.7, p.8.14 – 14 Section 8.14.9, p.8.14 - 15	Yes	
Appendix B (g) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:			

Adequacy Issue: Adequate **X** Inadequate

# DATA ADEQUACY WORKSHEET

Revision No. 01 Date 1/03/02

Technical Area: **Water Resources**

Project: Central Valley Critical Energy Center

Technical Staff: Joe Crea

Project Manager: Matt Trask

Docket: 01 – AFC – 22

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	Sections 8.14..2.2 to 8.14.2.2.3, p.8.14 – 7 to 8 Figure 8.14 – 2 Sections 8.15.3 to 8.15.3.2.2, p.8.15 – 1 to 2  AFC Supplement 12-WR-3,p.55 & 56 Figures 7.1-1a through 7.1-1e	Yes	
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Section 8.14.2.1.1, p.8.14 – 7 Figures 8.14 – 1a and 1b  AFC Supplement 12-WR-4,p. 56 AFC Supplement 12-WR-5,p. 56	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Section 8.14.5.6,p.8.14 – 14 Figure 8.14 - 3  AFC Supplement 12-WR-6,p. 56 Figures 8.14-3a and 8.14-3b	Yes	
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:			
Appendix B (g) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	Section 2.1, p.2 – 1 Section 7.1.1, p.7 – 2 Section 7.1.2, p.7 – 3 to 4 Section 7.1.5, p.7 – 8 Section 8.14.3, p.8.14 – 8 to 9 Sections 7.1.3 and 7.1.4, p. 7 – 5 to 7  AFC Supplement 12-WR-7,p. 56 & 57 Attachment 12-WR-7	Yes	

Adequacy Issue: Adequate **X** Inadequate

# DATA ADEQUACY WORKSHEET

Revision No. 01 Date 1/03/02

Technical Area: **Water Resources**

Project: Central Valley Critical Energy Center

Technical Staff: Joe Crea

Project Manager: Matt Trask

Docket: 01 – AFC – 22

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Section 7.1.2, p.7 – 3 to 4 Table 7.1 – 1 Section 8.14.3.3, p.8.14 – 9 to 10 Table 8.14 - 3	Yes	
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	Sections 8.14.3.1 and 8.14.3.3, p.8.14 – 9 Table 7.0 – 1 Section 7.1.1, p.7 – 2 Sections 2.2.7 to 2.2.7.2, p.2 – 8 Figures 2.2 – 6a and 6b  AFC Supplement 12-WR-8,p.57 Table 7.0-1  AFC Supplement 12-WR-9,p.57  AFC Supplement 12-WR-10,p.57	Yes	
Appendix B (g) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	Section 2.2.7, p.2 – 7 to 2 – 10 Sections 2.2.9.1 to 2.2.9.1.5, p.2 – 11 to 2 – 13 Figures 2.2 – 6a and 6b Section 7.1.1, p.7 – 2 Section 7.1.2, p.7 – 3 to 4 Section 7.1.5, p.7 – 8 Section 8.14.3, p.8.14 – 8 to 9	Yes	
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:			
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Section 8.14.2, p.8.14 - 4 Section 8.14.4, p.8.14 – 11 to 12 Section 8.14.5.4, p.8.14 - 13 Table 8.14 – 4, p.8.14 - 11	Yes	

Adequacy Issue: Adequate ☒ Inadequate

## DATA ADEQUACY WORKSHEET

Revision No. 01 Date 1/03/02

Technical Area: **Water Resources**

Project: Central Valley Critical Energy Center

Technical Staff: Joe Crea

Project Manager: Matt Trask

Docket: 01 – AFC – 22

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	Section 2.2.9.1.3, p.2 - 12 Section 8.14.4, p.8.14 – 11 to 12 Section 8.14.5.4, p.8.14 – 13 Tables 8.14 – 5 and 6 Figure 8.14 – 4  AFC Supplement 12-WR-11,p.58 Figure 8.14-4R  AFC Supplement 12-WR-12,p.58	Yes	
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:			
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Sections 8.14.5..2 and 8.14.5.3 p.8.14 - 13 Section 8.14.6 p.8.14 – 14 Section 7.0 Section 2.2.7	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Sections 8.14.5.1 and 8.14.5.5, p.8.14 - 13	Yes	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Section 8.14.5.6,p.8.14 – 14  AFC Supplement 12-WR-13,p.58	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table Appendix 1D Table 8.14 - 1	Yes	

Adequacy Issue: Adequate ☒ Inadequate

## DATA ADEQUACY WORKSHEET

Revision No. 01 Date 1/03/02

Technical Area: **Water Resources**

Project: Central Valley Critical Energy Center

Technical Staff: Joe Crea

Project Manager: Matt Trask

Docket: 01 – AFC – 22

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Tables 8.14 – 1, 8.14 – 7, and 7.4 - 1 Tables Appendices 1D, 1E, and 1F	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 8.14 – 1 Table Appendix 1D  AFC Supplement 12-WR-14,p.58	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Tables 1E and 1F Table 8.14 - 1 and 8.14 - 7 Table 7.4 - 1	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table Appendix 1E Tables 7.4 - 1 & 8.14 - 7	Yes	